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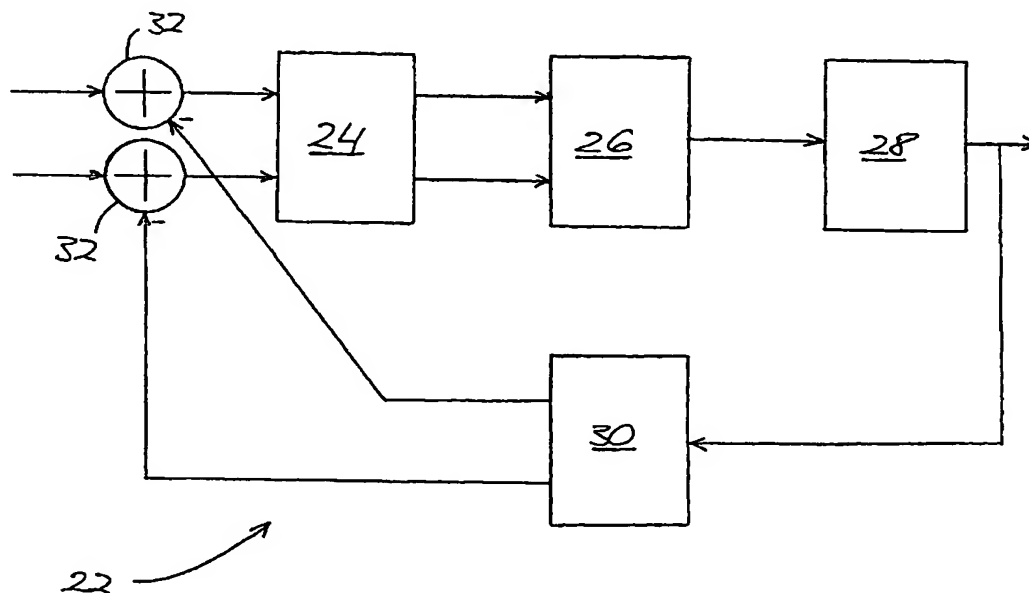
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[Continued on next page]

(54) Title: **SENSING DEVICE FOR SENSING A PHYSICAL PARAMETER**



(57) Abstract: The sensing device for sensing a physical parameter such as radiation, temperature or the like, comprises an analogue sensor element sensitive for the physical parameter to be sensed and outputting an analogue signal and an analogue two-digital converter (ADC) having an MOS input stage for receiving the analogue output signal of the sensor element so as to convert the analogue output signal to a digital output signal.



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# INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G08B H03M H04N H05B H03L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 461 425 A (FOWLER BOYD ET AL) 24 October 1995 (1995-10-24)	1-5
Y	figure 2 column 1, lines 65-68 column 2, lines 1-3	6-11
Y	US 4 465 379 A (ASAKAWA TATSUSHI ET AL) 14 August 1984 (1984-08-14) figure 10 column 2, lines 65-68	6
Y	US 5 811 808 A (METSCHULEIT JEFFREY L ET AL) 22 September 1998 (1998-09-22) figure 1 column 1, lines 33-35	7,10,11
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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PCT/EP2004/003666

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	----- KOGURE H ET AL: "ANALYSIS OF CMOS ADC NONLINEAR INPUT CAPACITANCE" IEICE TRANSACTIONS ON ELECTRONICS, INSTITUTE OF ELECTRONICS INFORMATION AND COMM. ENG. TOKYO, JP, vol. E85-C, no. 5, May 2002 (2002-05), pages 1182-1190, XP001127763 ISSN: 0916-8524 page 1182, column 1, paragraphs 1,2 page 1187, column 1, paragraph 3 figure 9a	1,2
A	----- "Burr-Brown Integrated Circuits Data Book, Data Conversion Products" 1994, BURR-BROWN, UNITED STATES, XP002303870 page 2.341, column 1, paragraph 1-3; figures 4,5 -----	3-5

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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